

**BRUHAT BANGALORE MAHANAGARA PALIKE**  
**Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).**

**Measurement Sheet  
First and Part**

Item No: 73

Item Name: Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge. ( 0.90 x 0.60 x 0.10) (Approved Data rate)

| CHAINAGE                                                       | Land Mark | NO | L<br>(m) | B<br>(m) | BI<br>(m) | Avg B<br>(m) | D<br>(m) | QTY   | REMARKS      |
|----------------------------------------------------------------|-----------|----|----------|----------|-----------|--------------|----------|-------|--------------|
| <b>New Drain</b>                                               |           |    |          |          |           |              |          |       |              |
| <b>MOHANKUMAR NAGARA MAIN ROAD RHS From Kalyana Mantapa</b>    |           |    |          |          |           |              |          |       |              |
| 0.00                                                           | 30.00     | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          | 30.00 |              |
| 30.00                                                          | 44.70     | 1  | 14.70    | 1.00     | 1.00      | 1.00         |          | 14.70 |              |
| 44.70                                                          | 51.50     | 1  | 6.80     |          |           |              |          |       | CR CULVERT-1 |
| 51.50                                                          | 81.50     | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          | 30.00 |              |
| 81.50                                                          | 104.70    | 1  | 23.20    | 1.00     | 1.00      | 1.00         |          | 23.20 |              |
| 104.70                                                         | 110.20    | 1  | 5.50     |          |           |              |          |       | CR CULVERT-2 |
| 110.20                                                         | 124.10    | 1  | 13.90    | 1.00     | 1.00      | 1.00         |          | 13.90 |              |
| 124.10                                                         | 130.00    | 1  | 5.90     |          |           |              |          |       | CR CULVERT-3 |
| 130.00                                                         | 146.90    | 1  | 16.90    | 1.00     | 1.00      | 1.00         |          | 16.90 |              |
| 146.90                                                         | 152.20    | 1  | 5.30     |          |           |              |          |       | CR CULVERT-4 |
| 152.20                                                         | 181.00    | 1  | 28.80    | 1.00     | 1.00      | 1.00         |          | 28.80 |              |
| 181.00                                                         | 187.40    | 1  | 6.40     |          |           |              |          |       | CR CULVERT-5 |
| 187.40                                                         | 217.40    | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          | 30.00 |              |
| 217.40                                                         | 222.10    | 1  | 4.70     | 1.00     | 1.00      | 1.00         |          | 4.70  |              |
| <b>MOHANKUMAR NAGARA MAIN ROAD RHS From Church To RO Plant</b> |           |    |          |          |           |              |          |       |              |
| 0.00                                                           | 30.00     | 1  | 30.00    | 1.20     | 1.20      | 1.20         |          | 36.00 |              |
| 30.00                                                          | 60.00     | 1  | 30.00    | 1.20     | 1.20      | 1.20         |          | 36.00 |              |
| 60.00                                                          | 67.90     | 1  | 7.90     | 1.20     | 1.20      | 1.20         |          | 9.48  |              |
| <b>From RO Plant TO Minugu Thare Kalpana Road</b>              |           |    |          |          |           |              |          |       |              |
| 0.00                                                           | 30.00     | 1  | 30.00    | 1.50     | 1.50      | 1.50         |          | 45.00 |              |
| 30.00                                                          | 40.60     | 1  | 10.60    | 1.50     | 1.50      | 1.50         |          | 15.90 |              |
| <b>MOHANKUMAR NAGARA MAIN ROAD RHS From RO Plant</b>           |           |    |          |          |           |              |          |       |              |
| 0.00                                                           | 25.30     | 1  | 25.30    | 1.00     | 1.00      | 1.00         |          | 25.30 |              |
| 25.30                                                          | 32.70     | 1  | 7.40     |          |           |              |          |       | CR CULVERT-6 |

| CHAINAGE                                                    |        | NO | L<br>(m) | B<br>(m) | BI<br>(m) | Avg B<br>(m) | D<br>(m) | QTY   | REMARKS         |
|-------------------------------------------------------------|--------|----|----------|----------|-----------|--------------|----------|-------|-----------------|
| Land Mark                                                   |        |    |          |          |           |              |          |       |                 |
| 32.70                                                       | 62.70  | 1  |          |          |           |              |          |       |                 |
| 62.70                                                       | 74.80  | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          | 30.00 |                 |
| 74.80                                                       | 81.30  | 1  | 12.10    | 1.00     | 1.00      | 1.00         |          | 12.10 |                 |
| MOHANKUMAR NAGARA MAIN ROAD RHS From MASJID                 |        |    |          |          |           |              |          |       |                 |
| 0.00                                                        | 30.00  | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          |       | CR CULVERT-7    |
| 30.00                                                       | 36.00  | 1  | 6.00     | 1.00     | 1.00      | 1.00         |          | 30.00 |                 |
| 36.00                                                       | 42.00  | 1  | 6.00     |          |           | 1.00         |          | 6.00  |                 |
| 42.00                                                       | 72.00  | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          |       | CR CULVERT-8    |
| 72.00                                                       | 85.50  | 1  | 13.50    | 1.00     | 1.00      | 1.00         |          | 30.00 |                 |
| 85.50                                                       | 91.50  | 1  | 6.00     |          |           |              |          | 13.50 |                 |
| 91.50                                                       | 112.60 | 1  | 21.10    | 1.00     | 1.00      | 1.00         |          |       | CR CULVERT-9    |
| 112.60                                                      | 116.50 | 1  | 3.90     |          |           |              |          | 21.10 |                 |
| 116.50                                                      | 146.50 | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          |       | CR CULVERT-10   |
| 146.50                                                      | 176.50 | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          | 30.00 |                 |
| 176.50                                                      | 206.50 | 1  | 30.00    | 1.00     | 1.00      | 1.00         |          | 30.00 |                 |
| 206.50                                                      | 219.30 | 1  | 12.80    | 1.00     | 1.00      | 1.00         |          | 30.00 |                 |
| Minugu Thare Kalpana Road (From sri Ganesh Juice And Chats) |        |    |          |          |           |              |          |       |                 |
| 0.00                                                        | 30.00  | 1  | 30.00    | 1.80     | 1.80      | 1.80         |          | 54.00 |                 |
| 30.00                                                       | 60.00  | 1  | 30.00    | 1.80     | 1.80      | 1.80         |          | 54.00 |                 |
| 60.00                                                       | 74.30  | 1  | 14.30    | 1.80     | 1.80      | 1.80         |          | 25.74 |                 |
| 74.30                                                       | 80.30  | 1  | 6.00     |          |           |              |          |       | CR CULVERT-1 Bs |
| 80.30                                                       | 108.00 | 1  | 27.70    | 1.80     | 1.80      | 1.80         |          | 49.86 |                 |
| 108.00                                                      | 112.50 | 1  | 4.50     |          |           |              |          |       | CR CULVERT-2 Ps |
| 112.50                                                      | 142.60 | 1  | 30.10    | 1.80     | 1.80      | 1.80         |          | 54.18 |                 |
| 142.60                                                      | 147.20 | 1  | 4.60     |          |           |              |          |       | CR CULVERT-3 Ps |
| 147.20                                                      | 173.50 | 1  | 26.30    | 1.80     | 1.80      | 1.80         |          | 47.34 |                 |
| 173.50                                                      | 178.30 | 1  | 4.80     |          |           |              |          |       | CR CULVERT-4 Ps |
| 178.30                                                      | 203.90 | 1  | 25.60    | 1.80     | 1.80      | 1.80         |          | 46.08 |                 |
| 203.90                                                      | 210.50 | 1  | 6.60     |          |           |              |          |       | CR CULVERT-5 Ps |
| 210.50                                                      | 232.60 | 1  | 22.10    | 1.80     | 1.80      | 1.80         |          | 39.78 |                 |
| 232.60                                                      | 239.60 | 1  | 7.00     |          |           |              |          |       | CR CULVERT-6 Ps |
| 239.60                                                      | 261.40 | 1  | 21.80    | 1.80     | 1.80      | 1.80         |          | 39.24 |                 |
| 261.40                                                      | 265.30 | 1  | 3.90     |          |           |              |          |       | CR CULVERT-7 Ps |
| 265.30                                                      | 287.50 | 1  | 22.20    | 1.80     | 1.80      | 1.80         |          | 39.96 |                 |
| 287.50                                                      | 291.40 | 1  | 3.90     |          |           |              |          |       | CR CULVERT-8 Ps |
| 291.40                                                      | 321.40 | 1  | 30.00    | 1.80     | 1.80      | 1.80         |          | 54.00 |                 |
| 321.40                                                      | 351.40 | 1  | 30.00    | 1.80     | 1.80      | 1.80         |          | 54.00 |                 |
| LCR School to Danalakshmi Pride House                       |        |    |          |          |           |              |          |       |                 |
| 0.00                                                        | 30.00  | 1  | 30.00    | 2.10     | 2.10      | 2.10         |          | 63.00 |                 |
| 30.00                                                       | 60.00  | 1  | 30.00    | 2.10     | 2.10      | 2.10         |          | 63.00 |                 |

| CHAINAGE                 |       | NO | L     | B    | BI   | Avg B | D   | QTY     | REMARKS |
|--------------------------|-------|----|-------|------|------|-------|-----|---------|---------|
| Land Mark                |       |    | (m)   | (m)  | (m)  | (m)   | (m) |         |         |
| 60.00                    | 80.00 | 1  | 20.00 | 2.10 | 2.10 | 2.10  |     | 42.00   |         |
| Total Qty Work Done      |       |    |       |      |      |       |     | 1331.56 | Sqm     |
| Qty Payable in this bill |       |    |       |      |      |       |     | 1331.56 | Sqm     |

*[Signature]*  
Contractor Representative



*[Signature]*  
Assistant Engineer

*[Signature]*  
Asst. Executive Engineer  
Yeshwanthpur Sub Division  
Bruhat Bangalore Mahanagara P.

**BRUHAT BANGALORE MAHANAGARA PALIKE**  
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Item No: 74 Measurement Sheet First and Part

Item Name: Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge. ( 1.2 x 0.60 x 0.10) Approved Data rate(18-11-2016)

| Approved Data rate(18-11-2016)                              |        |    |       |      |      |       |     |       |                    | complete as per the directions of the |  |
|-------------------------------------------------------------|--------|----|-------|------|------|-------|-----|-------|--------------------|---------------------------------------|--|
| CHAINAGE                                                    |        | NO | L     | B    | BI   | Avg B | D   | QTY   | REMARKS            |                                       |  |
| Land Mark                                                   | (m)    |    | (m)   | (m)  | (m)  | (m)   | (m) |       |                    |                                       |  |
| Minugu Thare Kalpana Road (From sri Ganesh Juice And Chats) |        |    |       |      |      |       |     |       |                    |                                       |  |
| 0.00                                                        | 30.00  | 1  | 30.00 | 1.80 | 1.80 | 1.80  |     | 54.00 |                    |                                       |  |
| 30.00                                                       | 60.00  | 1  | 30.00 | 1.80 | 1.80 | 1.80  |     | 54.00 |                    |                                       |  |
| 60.00                                                       | 74.30  | 1  | 14.30 | 1.80 | 1.80 | 1.80  |     | 25.74 |                    |                                       |  |
| 74.30                                                       | 80.30  | 1  | 6.00  |      |      |       |     |       |                    |                                       |  |
| 80.30                                                       | 108.00 | 1  | 27.70 | 1.80 | 1.80 | 1.80  |     | 49.86 | CR CULVERT-1<br>Bs |                                       |  |
| 108.00                                                      | 112.50 | 1  | 4.50  |      |      |       |     |       |                    |                                       |  |
| 112.50                                                      | 142.60 | 1  | 30.10 | 1.80 | 1.80 | 1.80  |     | 54.18 | CR CULVERT-2<br>Ps |                                       |  |
| 142.60                                                      | 147.20 | 1  | 4.60  |      |      |       |     |       |                    |                                       |  |
| 147.20                                                      | 173.50 | 1  | 26.30 | 1.80 | 1.80 | 1.80  |     | 47.34 | CR CULVERT-3<br>Ps |                                       |  |
| 173.50                                                      | 178.30 | 1  | 4.80  |      |      |       |     |       |                    |                                       |  |
| 178.30                                                      | 203.90 | 1  | 25.60 | 1.80 | 1.80 | 1.80  |     | 46.08 | CR CULVERT-4<br>Ps |                                       |  |
| 203.90                                                      | 210.50 | 1  | 6.60  |      |      |       |     |       |                    |                                       |  |
| 210.50                                                      | 232.60 | 1  | 22.10 | 1.80 | 1.80 | 1.80  |     | 39.78 | CR CULVERT-5<br>Ps |                                       |  |
| 232.60                                                      | 239.60 | 1  | 7.00  |      |      |       |     |       |                    |                                       |  |
| 239.60                                                      | 261.40 | 1  | 21.80 | 1.80 | 1.80 | 1.80  |     | 39.24 | CR CULVERT-6<br>Ps |                                       |  |
| 261.40                                                      | 265.30 | 1  | 3.90  |      |      |       |     |       |                    |                                       |  |
| 265.30                                                      | 287.50 | 1  | 22.20 | 1.80 | 1.80 | 1.80  |     | 39.96 | CR CULVERT-7<br>Ps |                                       |  |
| 287.50                                                      | 291.40 | 1  | 3.90  |      |      |       |     |       |                    |                                       |  |
| 291.40                                                      | 321.40 | 1  | 30.00 | 1.80 | 1.80 | 1.80  |     | 54.00 | CR CULVERT-8<br>Ps |                                       |  |
| 321.40                                                      | 351.40 | 1  | 30.00 | 1.80 | 1.80 | 1.80  |     | 54.00 |                    |                                       |  |
| New Culvert                                                 |        |    |       |      |      |       |     |       |                    |                                       |  |
| CULVERT-1                                                   |        |    |       |      |      |       |     |       |                    |                                       |  |
| 0.00                                                        | 6.80   | 1  | 6.80  | 1.20 | 1.20 | 1.20  |     | 8.16  |                    |                                       |  |
| CULVERT-2                                                   |        |    |       |      |      |       |     |       |                    |                                       |  |
| 0.00                                                        | 5.50   | 1  | 5.50  | 1.20 | 1.20 | 1.20  |     | 6.60  |                    |                                       |  |
| CULVERT-3                                                   |        |    |       |      |      |       |     |       |                    |                                       |  |

| CHAINAGE                 |      | NO | L    |      | B    | BI   | Avg B | D | QTY    | REMARKS |
|--------------------------|------|----|------|------|------|------|-------|---|--------|---------|
| Land Mark                |      |    | (m)  | (m)  |      |      |       |   |        |         |
| 0.00                     | 5.90 | 1  | 5.90 | 1.20 | 1.20 | 1.20 | 1.20  |   | 7.08   |         |
| 0.00                     | 5.30 | 1  | 5.30 | 1.20 | 1.20 | 1.20 | 1.20  |   | 6.36   |         |
| 0.00                     | 6.40 | 1  | 6.40 | 1.20 | 1.20 | 1.20 | 1.20  |   | 7.68   |         |
| 0.00                     | 7.40 | 1  | 7.40 | 1.20 | 1.20 | 1.20 | 1.20  |   | 8.88   |         |
| 0.00                     | 6.50 | 1  | 6.50 | 1.20 | 1.20 | 1.20 | 1.20  |   | 7.80   |         |
| 0.00                     | 6.00 | 1  | 6.00 | 1.20 | 1.20 | 1.20 | 1.20  |   | 7.20   |         |
| 0.00                     | 6.00 | 1  | 6.00 | 1.20 | 1.20 | 1.20 | 1.20  |   | 7.20   |         |
| 0.00                     | 3.90 | 1  | 3.90 | 1.20 | 1.20 | 1.20 | 1.20  |   | 4.68   |         |
| Total Qty Work Done      |      |    |      |      |      |      |       |   | 629.82 | Sqm     |
| Qty Payable in this bill |      |    |      |      |      |      |       |   | 629.82 | Sqm     |

*[Signature]*  
Contractor Representative



*[Signature]*  
Assistant Engineer

*[Signature]*  
Asst. Executive Engineer  
Yeshwanth  
Bruhat Bangalore Mahanagara Palike

**BRUHAT BANGALORE MAHANAGARA PALIKE**

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |          |          |           |              |          |      |         |                  |  |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------|----------|-----------|--------------|----------|------|---------|------------------|--|
| Item No:                 | 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Measurement Sheet<br>First and Part |          |          |           |              |          |      |         |                  |  |
| Item Name:               | SUPPLYING AND FIXING OF LEG PRESS DOUBLE OF SAFE AREA : 2.8MTR X 1.5MTR. CENTER PIPE : 100 NB GI B-CLASS PIPE, SEAT FRAME : 32 NB GI B-CLASS Pipe, BLOCK REST : LLDPE Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN: Seamless Pipe & Round Bar, BEARINGS : PREMENENT SEALED OF REPUTED MAKE (FAG/SKF), STOPER : PU ROD, NUT BOLTS CAP: Nylon 66 injection moulded, NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER IN CHARGE OF THE WORK. |                                     |          |          |           |              |          |      |         |                  |  |
| CHAINAGE                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NO                                  | L<br>(m) | B<br>(m) | BI<br>(m) | Avg B<br>(m) | D<br>(m) | QTY  | REMARKS |                  |  |
| Land Mark                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |          |          |           |              |          |      |         |                  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                   |          |          |           |              |          | 2.00 |         | Leg Press Double |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |          |          |           |              |          |      |         |                  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |          |          |           |              |          |      |         |                  |  |
| Total Qty Work Done      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |          |          |           |              |          | 2.00 |         | No's             |  |
| Qty Payable in this bill |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |          |          |           |              |          | 2.00 |         | No's             |  |

Contractor Representative

Consultant Representative

Assistant Engineer

Asst. Executive Engineer  
Yeshwanthpur Sub-Division  
Bruhat Bangalore Mahanagara Palike



**BRUHAT BANGALORE MAHANAGARA PALIKE**

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Item No: 77

Measurement Sheet  
First and Part

Item Name:

SUPPLYING AND FIXING OF PENDULUM DOUBLE OF SAFE AEA : 2.5MTR X 1MTR, MAIN FRAME : 100 NB GI B-Class Pipe, LEG FRAME:40 NB GI B-CLASS Pipe, HANDLE FRAME :25 NB GI B- CLASS Pipe, SEAT: LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMELESS PIPE & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, BEARING: PERMANANT SEALED OF REPUTED MAKE (FAG/SKF), NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK

**CHAINAGE**

Land Mark

NO

L  
(m)

B  
(m)

B1  
(m)

Avg B  
(m)

D  
(m)

QTY

REMARKS

2

2.00

Total Qty Work Done

2.00

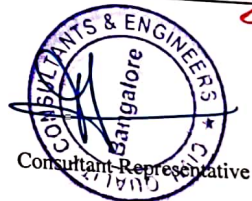
Qty Payable in this bill

2.00

No's

No's

Contractor Representative



Assistant Engineer

Asst. Executive Engineer  
Yeshwanthapura Sub Division  
Bruhat Bangalore Mahan-



**BRUHAT BANGALORE MAHANAGARA PALIKE**

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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |          |          |           |              |          |      |         |  |  |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------|----------|-----------|--------------|----------|------|---------|--|--|
| Item No:                 | 79                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Measurement Sheet</b><br>First and Part |          |          |           |              |          |      |         |  |  |
| Item Name:               | SUPPLYING AND FIXING OF CYCLE TWO WAY OF SAFE AEA : 2.5MTR X 1MTR, MAIN FRAME : 100 NB GI B-CLASS Pipe, ARM FRAME:40 NB GI B-CLASS Pipe, HANDLE FRAME :20 NB GI B- CLASS Pipe, SEAT: LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMELESS PIPE & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, BEARING: PERMANANT SEALED OF REPUTED MAKE (FAG/SKF), NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK |                                            |          |          |           |              |          |      |         |  |  |
| CHAINAGE                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NO                                         | L<br>(m) | B<br>(m) | BI<br>(m) | Avg B<br>(m) | D<br>(m) | QTY  | REMARKS |  |  |
| Land Mark                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |          |          |           |              |          |      |         |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                                          |          |          |           |              |          | 2.00 |         |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |          |          |           |              |          | 2.00 | No's    |  |  |
| Total Qty Work Done      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |          |          |           |              |          | 2.00 | No's    |  |  |
| Qty Payable in this bill |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |          |          |           |              |          | 2.00 | No's    |  |  |

*[Signature]*  
Contractor Representative

  
 Consultant Representative

*11/3.01/04/2021*  
Assistant Engineer

*11/3.01/04/2021*  
 Asst. Executive Engineer  
 Yashwanthapura Sub-Division  
 Bruhat Bangalore Mahanagara Palike

**BRUHAT BANGALORE MAHANAGARA PALIKE**

**Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhoi Colony, Jalahalli Harlana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).**

Item No: **80** ✓

Measurement Sheet  
First and Part

Item Name: **SUPPLYING AND FIXING OF TAI CHI SPINNER DOUBLE OF SAFE AEA : 2MTR DIA, MAIN FRAME : 100 NB GI B-Class Pipe, HANDLE FRAME: 32 NB GI B-CLASS Pipe, SPINNING RING: LLDPE Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMLESS Pipe & Round Bar, NUT MAKE (FAG/SKF), NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK**

| CHAINAGE                 |  | NO | L<br>(m) | B<br>(m) | BI<br>(m) | Avg B<br>(m) | D<br>(m) | QTY    | REMARKS |
|--------------------------|--|----|----------|----------|-----------|--------------|----------|--------|---------|
| Land Mark                |  |    |          |          |           |              |          |        |         |
|                          |  | 3  |          |          |           |              |          | 3.00 ✓ |         |
| Total Qty Work Done      |  |    |          |          |           |              |          | 3.00 ✓ | No's    |
| Qty Payable in this bill |  |    |          |          |           |              |          | 3.00 ✓ | No's    |

Contractor Representative



Assistant Engineer

Asst. Executive Engineer  
Yashwanthapura Sub-Division  
Bruhat Bangalore Mahanagara Palike

**BRUHAT BANGALORE MAHANAGARA PALIKE**

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramahhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |      |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Item No:   | 81                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Measurement Sheet<br>First and Part |      |
| Item Name: | SUPPLYING AND FIXING OF TWISTER THREE WAY OF SAFE AEA : 2.5 MTR DIA. MAIN FRAME: 100 NB GI B-Class Pipe, ARM FRAME: 32 NB GI B- CLASS Pipe, HANDLE moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMELESS Pipe & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, BEARING: PERMANANT SEALED OF REPUTED MAKE (FAG/SKF), NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK |                                     |      |
|            | <b>CHAINAGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |      |
|            | <b>Land Mark</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>NO</b>                           |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2                                   |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>L</b><br>(m)                     |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>B</b><br>(m)                     |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>BI</b><br>(m)                    |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Avg B</b><br>(m)                 |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>D</b><br>(m)                     |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>QTY</b>                          |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.00                                | ✓    |
|            | <b>Total Qty Work Done</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     | 2.00 |
|            | <b>Qty Payable in this bill</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     | 2.00 |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     | No's |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     | No's |

*[Signature]*  
Contractor Representative



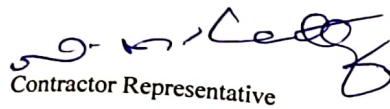
*[Signature]*  
Assistant Engineer

*[Signature]*  
Asst Executive Engineer  
Yeshwanthapura Sub Division  
Bruhat Bangalore Mahanagara

**BRUHAT BANGALORE MAHANAGARA PALIKE**

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhoi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |          |          |           |              |          |                          |         |   |      |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------|----------|-----------|--------------|----------|--------------------------|---------|---|------|
| Item No:   | 82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Measurement Sheet<br>First and Part |          |          |           |              |          |                          |         |   |      |
| Item Name: | SUPPLYING AND FIXING OF CHEST PRESS DOUBLE OF SAFE AREA : 4MTR X 2.5MTR OF CENTRE PIPE: 100 NB GI B-Class Pipe, SEAT FRAME : 32 NB GI B-Class Pipe, HANDLE FRAME: 32 NB & 15 NB GI B-CLASS Pipe, SEAT FRAME : TPEE injection moulded, SEAT REST: LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMLESS Pipe & Round Bar : Nylon 66 injection moulded, NUT BOLTS : HIGH TENSILE (FAG/SKF), NUT BOLTS CAP : Nylon 66 injection moulded, NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK |                                     |          |          |           |              |          |                          |         |   |      |
| CHAINAGE   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NO                                  | L<br>(m) | B<br>(m) | BI<br>(m) | Avg B<br>(m) | D<br>(m) | QTY                      | REMARKS |   |      |
| Land Mark  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |          |          |           |              |          |                          |         |   |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                   |          |          |           |              |          | 1.00                     |         | ✓ |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |          |          |           |              |          | Total Qty Work Done      | 1.00    | ✓ |      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |          |          |           |              |          | Qty Payable in this bill | 1.00    | ✓ | No's |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |          |          |           |              |          |                          |         | ✓ | No's |

  
Contractor Representative



  
Assistant Engineer

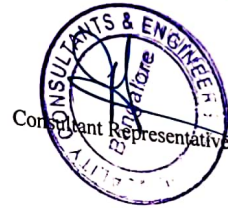
  
Asst. Executive Engineer  
Yeshwanthapura Sub-Division  
Bruhat Bangalore Mahanagara Palike

**BRUHAT BANGALORE MAHANAGARA PALIKE**

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramahovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |          |          |           |              |          |      |         |  |  |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------|----------|-----------|--------------|----------|------|---------|--|--|
| Item No:                 | 83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Measurement Sheet<br>First and Part |          |          |           |              |          |      |         |  |  |
| Item Name:               | SUPPLYING AND FIXING OF FUR ROVER OF SAFE AREA : 2.5MTR X 1.5MTR, MAIN FRAME : 80 NB GI B-Class Pipe, SEAT FRAME: 80 NB GI B-CLASS Pipe, HANDLE FRAME: 32NB GI B- CLASS PIPE, SEAT: LLDPE Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMELESS PIPE & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, BEARING: PERMANANT SEALED OF REPUTED MAKE (FAG/SKF), NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK |                                     |          |          |           |              |          |      |         |  |  |
| CHAINAGE                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NO                                  | L<br>(m) | B<br>(m) | BI<br>(m) | Avg B<br>(m) | D<br>(m) | QTY  | REMARKS |  |  |
| Land Mark                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |          |          |           |              |          |      |         |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                   |          |          |           |              |          | 3.00 |         |  |  |
| Total Qty Work Done      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |          |          |           |              |          | 3.00 |         |  |  |
| Qty Payable in this bill |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |          |          |           |              |          | 3.00 | No's    |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |          |          |           |              |          | 3.00 | No's    |  |  |

*[Signature]*  
Contractor Representative



*[Signature]*  
Assistant Engineer

*[Signature]*  
Asst. Executive Engineer  
Yeshwanthpur Sub Division  
Bruhat Bangalore Mahanagara Palike

**BRUHAT BANGALORE MAHANAGARA PALIKE**

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Item No: 84

Measurement Sheet  
First and Part

Item Name:

SUPPLYING AND FIXING OF FUN RIDER OF SAFE AEA : 2.5MTR X 1.5MTR. MAIN FRAME : 80 NB GI B-CLASS Pipe, SEAT FRAME: 80 NB GI B-CLASS Pipe, HANDLE FRAME: 32NB GI B-CLASS PIPE, SEAT: LLDPP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMELESS Pipe & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, BEARING: PERMANANT SEALED OF REPUTED MAKE (FAG/SKF), NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK

**CHAINAGE**

Land Mark

NO

L

(m)

B

(m)

B1

(m)

Avg B

(m)

D

(m)

QTY

REMARKS

1.00

1.00

1.00

No's

No's

Total Qty Work Done

Qty Payable in this bill

*[Signature]*  
Contractor Representative

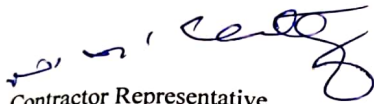
*[Signature]*  
Consultant Representative

*[Signature]*  
Assistant Engineer

*[Signature]*  
Asst. Executive Engineer  
Yeshwanthapura Sub-Division  
Bruhat Bangalore Mahanagara Palike

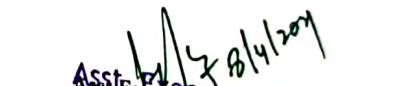
BRUHAT BANGALORE MAHANAGARA PALIKE  
 Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramahoyi Colony, Jalshalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN. DIV-(13).

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |          |          |           |              |          |      |         |  |  |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------|----------|-----------|--------------|----------|------|---------|--|--|
| Item No.                 | 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Measurement Sheet<br>First and Part |          |          |           |              |          |      |         |  |  |
| Item Name                | SUPPLYING AND FIXING OF STEP TRAINER OF SAFE AREA : 3MTR X 1.5MTR. MAIN FRAME : 100 NB GIB-CLASS Pipe, BOTTOM FRAME: 40 NB GIB-CLASS Pipe, HANDLE FRAME: 32NB & 15 NB GIB- CLASS PIPE, L LDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMELESS Pipe & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, BEARINGS: PERMANENT SEALED OF REPUTED MAKE (FAG/SKF), NUT BOLTS : HIGH TENSILE STEEL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS |                                     |          |          |           |              |          |      |         |  |  |
| CHAINAGE                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NO                                  | L<br>(m) | B<br>(m) | BI<br>(m) | Avg B<br>(m) | D<br>(m) | QTY  | REMARKS |  |  |
| Land Mark                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |          |          |           |              |          |      |         |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                                   |          |          |           |              |          | 2.00 |         |  |  |
| Total Qty Work Done      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |          |          |           |              |          | 2.00 |         |  |  |
| Qty Payable in this bill |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |          |          |           |              |          | 2.00 | No's    |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |          |          |           |              |          |      | No's    |  |  |

  
 Contractor Representative

  
 Consultant Representative

  
 Assistant Engineer

  
 Asst. Executive Engineer  
 Yashwanthapur Sub Division  
 Bruhat Bangalore Mahanagara Palike